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ABSTRACT

This directory is a compilation, by subject matter, of self-instructional materials prepared by instructors who are specialists in each field. Where possible, the listings include the author/instructor, the institution, the target population or specific course name, the package's availability, and its number and title. Listings are solicited from instructors who have prepared similar kits so that an up-dated edition can be published in 1972. (HH)

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EDUCATIONAL RESOURCES INFORMATION CENTER

Clearinghouse For Junior Colleges

UNIVERSITY OF CALIFORNIA, LOS ANGELES

**A DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS
USED IN THE JUNIOR COLLEGE**

JC 710 219

Compiled and published by
The Danforth Junior College Program, UCLA
and
ERIC Clearinghouse for Junior Colleges, UCLA
Summer 1971

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LOS ANGELES

SEP 29 1971

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION

DANFORTH DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

This publication is a small but important milestone in the development of more effective learning materials. Throughout the country, instructors in all subject-matter areas are using their skills to develop learning materials that will help the student learn at an individual pace and in an effective manner. It is somewhat surprising to find so many self-instructional materials in the field of English (often considered a subject beyond the scope of learning objectives and auto-tutorial materials) and the Social Sciences. It is an indication of the widespread use of self-instructional materials.

Some of the units cover an entire course, while others deal only with a particular segment of a course. Each learning segment is called a unit and each unit contains from one to fifty or more packages. The units of self-instructional material represent varied instructional modes, extending from paper and pencil to the computer, and an attempt has been made to indicate in this directory the method of instruction employed.

The listing in the Directory is by subject matter. Included on each page is the author, institution (including address and phone number where available), the target population or specific course in which the material is used, the availability of the material, and the number and titles of the individual packages. The information on each page is not always complete because the data received were not uniformly listed.

It is the hope of the UCLA Danforth group and the ERIC Clearinghouse that an up-dated edition will be available in January 1972. To make this possible, all interested persons should submit any information they have on self-instructional materials for inclusion in the 1972 edition. A form is included for this purpose.

Further information regarding the Directory should be directed to:

ERIC Clearinghouse for Junior Colleges
96 Powell Library
University of California
Los Angeles, California 90024

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Special note should be taken of the efforts of M. Stephen Sheldon who carried on the tedious task of pulling together the loose ends and provided the moving spirit that such a project requires.

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DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ART
Author	H. William Bockus, Jr.
Institution	Pasadena City College 1570 E. Colorado Blvd. Pasadena, Calif. 91106 Phone: (213) 795-6961
Target Population	
Title of Course	Art 50A, 50B, Advertising Design
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Advertising Graphics

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ART
Author	Kenneth Y. Smith
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Art 135, Basic Freehand Techniques
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed Text
Title of Package(s)	Shades and Shadows

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AUTOMOTIVE
Author	Donald William Patten
Institution	Central Carolina Technical Institute Route 2, Box 55 Sanford, N.C. 27330
Target Population	All automotive students
Title of Course	
Availability	
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Battery Post Cleaner 2. Sun Battery Starter Tester 3. Battery Cell Probes 4. Portable Battery Charger 5. General Motors Delcotron Alternator

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE ELECTRICAL SYSTEMS

Author Claud C. Hunter

Institution Center Piedmont Community College
1141 Elizabeth Ave.
Charlotte, N.C. 28204
Phone: 372-2590

Target Population

Title of Course Automotive Electrical Systems
Automotive Fuel Systems

Availability Contact author for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction Sound-on-slide machine

Title of Package(s)

- | | |
|----------------------------------|---|
| 1. The Chev Ignition System | 11. The Chrysler Alternator |
| 2. The Ford Ignition System | 12. The Solder Practice Program |
| 3. The Dodge 318 Ignition System | 13. The Rochester Single BBI Cam 6 |
| 4. The D.S. (Chev) Generator | 14. The 2 GC Rochester Carburetor |
| 5. The D.C. (Ford) Generator | 15. The 4 GC Rochester Carburetor |
| 6. The Chev Cranking Motor | 16. The Holly Single BBI Program |
| 7. The Ford Cranking Motor | 17. The ABD Carten Program |
| 8. The Dodge Cranking Motor | 18. The 4300 Autolite Carburetor |
| 9. The Ford A.C. Generator | 19. The Rochester Quadrajet
Carburetor |
| 10. The Delcotron Generator | 20. The Ford 2-Barrel Carburetor |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AUTOMOTIVE ELECTRICAL SYSTEMS
Author	Donald William Patten
Institution	Central Carolina Technical Institute Route 2, Box 55 Sanford, N.C. 27330
Target Population	Auto 1102 A
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Sun Model "V" Voltmeter

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject AUTOMOTIVE MECHANICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Auto Diesel 3

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 21

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Identifying Carburetor Main Systems—T., F.C., A.C.* | 11. Intake and Exhaust Systems, Servicing Components |
| 2. Power Circuits—F.C., A.C. | 12. Emission Control Systems |
| 3. Accelerating Pumps—F.C., A.C. | 13. The Fuel System |
| 4. Four-Barrel Carburetor—F.C., A.C. | 14. Servicing Automotive Batteries—F.S., F.C., A.C. |
| 5. Making Carburetor Adjustments—F.C., A.C. | 15. A-C Charging System—F.S. |
| 6. Servicing Carburetor Accessories | 16. Primary Ignition Circuits—F.S. |
| 7. Carburetor Overhauling | 17. The Secondary Ignition Circuit—F.S. |
| 8. Removing and Installing Carburetors | 18. Ignition Distributor—F.C., A.C. |
| 9. Fuel and Vacuum Pumps | 19. D-C Charging System—T., F.S. |
| 10. Fuel/Air Filters and Fuel Tanks | 20. Cranking Circuit—F.S. |
| | 21. Lighting and Accessory Circuits—F.S. |

* T. - Transparencies
F.C. - Flip Charts
A.C. - Audio Cassette
F.S. - Film Strip

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AUTOMOTIVE MECHANICS
Author	William Loukides
Institution	Greenville Technical Education Center P.O. Box 5616, Sta. B Greenville, S.C. 29606 Phone: 242-3170
Target Population	
Title of Course	Automotive Mechanics
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Automotive Mechanics

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	AVIATION MAINTENANCE
Author	Leslie Henderson
Institution	Everett Community College 801 Westmore Everett, Washington 98201 Phone: 259-7151
Target Population	
Title of Course	AVA 60 Aviation Maintenance Technique
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slide-tape presentation
Title of Package(s)	Operation of Magnaflux Machine

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Earl D. Bean
Institution	Sacramento City College Sacramento, Calif. 95822
Target Population	Undergraduate pre-professional
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Solution Chemical and Bio-Physico-Chemico Characteristics of Cell Transport

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles Blake
Institution	Ocean County College Hooper Avenue Toms River, N.J. 08753
Target Population	
Title of Course	Science 161, General Biology 1
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	35 mm slides and tape
Title of Package(s)	The Parts of the Microscope

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Edwin Burling
Institution	De Anza College Cupertino, Calif. 95014
Target Population	Biology majors
Title of Course	
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	Programed Text
Title of Package(s)	Protein Synthesis

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Gilbert M. Dominguez
Institution	Mt. San Antonio College Walnut, Calif. 91789
Target Population	
Title of Course	Introductory Biology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape
Title of Package(s)	The Origin of Life

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Robert T. Galbraith
Institution	San Bernardino Valley College San Bernardino, Calif. 92403
Target Population	Non-majors in Biology
Title of Course	
Availability	
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Energy and Life 2. Food Pyramid I 3. Food Pyramid II 4. Food Chains and Webs

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Kenneth Guinasso
Institution	Laney College Oakland, Calif. 94606
Target Population	All biology Students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Ecology (A Sub-Section on Biomes)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Arthur Harkin
Institution	Foothill College Los Altos Hills, Calif. 94022
Target Population	Anatomy students (first semester)
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tapes, Film strip
Title of Package(s)	Basic Body Regions and Terms of Anatomical Reference

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Jack Kildebeck
Institution	Bakersfield College Bakersfield, Calif. 93305
Target Population	Non-majors in biology
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	Classical Genetics

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	David Kingsley
Institution	Genesee Community College 3837 West Main St. Road Batavia, N.Y. Phone: 343-0055
Target Population	
Title of Course	Biology 100, Principles of Biology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Biology for Independent Study

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Mary Leonard
Institution	Aquinas Junior College 4210 Harding Road Nashville, Tenn. 37205 Phone: 297-7545
Target Population	
Title of Course	General Biology
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. The Structure and Function of the Cell and Its Organelles 2. Protozoa 3. Arthropod

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	George L. Moore
Institution	American River College Sacramento, Calif. 95841
Target Population	
Title of Course	The Cell
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. History of the Microscope 2. Cell Theory, Cell Structure and Function 3. Spectrophotometer, Principles, Applications, and Use

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Gail Newkirk
Institution	Antelope Valley College Lancaster, Calif. 93534
Target Population	
Title of Course	Basic Chemical and Physical Processes of Living Things
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	Audio-tape
Title of Package(s)	1. Introduction to Basic Chemistry 2. Discussions and Questions Related to Electrical Charge 3. How to Read a Periodic Table 4. Empirical and Structural Formation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles D. Paige
Institution	Cerritos College Norwalk, Calif. 90650
Target Population	
Title of Course	Ecology
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Variations and Adaptation 2. Physical Factors of the Environment Part I 3. Physical Factors of the Environment Part II 4. Biotic Factors of the Environment

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Lloyd Pederson
Institution	San Joaquin Delta College Stockton, Calif. 95204
Target Population	
Title of Course	Characteristics of Life; Locomotor Structure of Microorganisms
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Characteristics of Life 2. Locomotor Structure of Microorganisms

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	George Price
Institution	Los Angeles Harbor College Wilmington, Calif. 90744
Target Population	All biology students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. An Introduction to Ecology: Sub-topics-- Characteristics of Life; The Community; Habitat 2. The Ecosys

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Charles Rulon
Institution	Long Beach City College Long Beach , Calif. 90808
Target Population	All science students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Growth of Human Population

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Monica E. Siegel
Institution	Palo Verde College Blythe, Calif. 92225
Target Population	All botany students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. The Parts of the Plant 2. The Parts of the Flower 3. The Indented Key

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Darwin Thorpe
Institution	Compton College Compton, Calif. 90221
Target Population	All students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Human Population and the Standard of Living: Part I 2. Human Population and the Standard of Living: Part II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Suebelle Verity
Institution	Los Angeles Southwest College Los Angeles, Calif. 90047
Target Population	Non-science majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. The Metric System 2. The Microscope

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Wilbur L. Walston
Institution	Cypress College Cypress, Calif. 90630
Target Population	Biology majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	DNA, RNA, Enzyme Structure and Function

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	David M. Wright
Institution	Porterville College Porterville, Calif. 93257
Target Population	Sophomore paramedical majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Terms of Reference in Anatomy

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BIOLOGY
Author	Thomas Yale
Institution	Bakersfield College Bakersfield, Calif. 93305
Target Population	Biology majors
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. The Gene 2. Duplication of DNA 3. The Need for Intermediate Compounds for Protein Synthesis 4. The Types of RNA

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Teena Culp
Institution	Mount Olive College Mount Olive, N.C. 28365 Phone: 658-2502
Target Population	
Title of Course	Office Practice 22
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Why I Want to Be a Secretary 2. Appropriate Dress and the Secretary's Work Day 3. Mastery of the Typewriter (Executive) 4. Filing 5. Processing Mail 6. Taking and Giving Dictation 7. Composition 8. Superior Telephone Technique 9. Job Interview 10. Special Telephone and Telegraphic Services 11. Handling Details of Meetings

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	
Title of Course	Administrative Office Management
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Administrative Office Management

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	
Title of Course	Economics 105
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Economics 105

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	
Title of Course	Office Machines
Availability	
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Office Machines

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	All shorthand students
Title of Course	
Availability	
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. Shorthand 104 2. Shorthand 105 3. Shorthand 106

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	George Evans and Mary LeMar
Institution	Abraham Baldwin Agric. College P.O. Box 244, ABAC Rural Station Tifton, Ga. 31794
Target Population	All typing students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. Typing 101 2. Typing 102 3. Typing 103

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	William C. Miller
Institution	Burlington County College Pemberton, N.J. 08068 Phone: (609) 894-9311
Target Population	
Title of Course	Introduction to Business
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Wholesaling 2. Services 3. National Alliance of Businessmen 4. Franchising

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Dan Mosca
Institution	Person Technical Institution P.O. Box 1175 Roxboro, N.C. 27573 Phone: 599-8306
Target Population	Accounting 121
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	7
Method of Instruction	
Title of Package(s)	1. Merchandise Inventories 2. Prepaid Expenses 3. Prepaid Revenues 4. Accrued Liabilities 5. Accrued Assets 6. Comprehensive Review — Accruals and Deferrals 7. Calculating Depreciation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Dan Mosca
Institution	Person Technical Institution P.O. Box 1175 Roxboro, N.C. 27573 Phone: 599-8306
Target Population	
Title of Course	Business Finance 123
Availability	Contact author for information
Number of Packages in Instruction Unit	3
Method of Instruction	
Title of Package(s)	1. Business Risks 2. Forms of Ownership 3. Calculating Working Capital

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Dan Mosca
Institution	Person Technical Institution P.O. Box 1175 Roxboro, N.C. 27573 Phone: 599-8306
Target Population	
Title of Course	Business Law 116
Availability	Contact author for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Personal Property 2. Acquiring Title to Personal Property 3. Bailments — Nature and Termination 4. Ordinary Bailments-Part I 5. Ordinary Bailments-Part II 6. Special Bailments

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L.L. Roy Smith

Institution Mount Olive College
Mount Olive, N.C., 28365
Phone: 658-2502

Target Population

Title of Course Business 141: Duplicating

Availability Contact author for information

**Number of Packages
in Instruction Unit** 15

Method of Instruction

Title of Package(s)

1. Spirit Duplication of an Appraisal Sheet
2. Spirit Duplication of a Title Page with Border and Blockout Procedure
3. Spirit Duplication of a Payroll Distribution Sheet
4. Spirit Duplication of a "Pie" Graph
5. Spirit Duplication of a Map by Tracing
6. Mimeograph Duplication of Appraisal Sheet
7. Mimeograph Duplication of a French Fold Program
8. Mimeograph Duplication of Personalized Stationery
9. Mimeograph Duplication of a Church Program and the Folding of Same
10. Form Letter with the Inside Address and Greeting Omitted
11. Offset Master of Appraisal Sheet
12. Running Off Appraisal Sheet Offset Masters
13. Offsetting Church Bulletin (with emphasis on centering)
14. Offsetting Xerox Offset Masters
15. Cleaning Ink Rollers on Offset Machine

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L.L. Roy Smith

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Business 121: Introduction to Business

Availability Contact author for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Setting | 12. Collective Bargaining |
| 2. Capitalism | 13. Production, Distribution, and Location |
| 3. Ownership | 14. Marketing |
| 4. Small Business, Services, and Franchising | 15. Selling, Advertising, and Public Relations |
| 5. Organization | 16. International Trade |
| 6. Permanent Capital Needs | 17. Accounting |
| 7. Operating Capital Needs | 18. Business Research and Computers |
| 8. Capital Sources | 19. Legal Aspects vs. Ethical Responsibilities |
| 9. Business Trends and Developments | 20. Social Responsibilities and the Future |
| 10. Risk Management | |
| 11. Labor | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject BUSINESS

Author L. L. Roy Smith

Institution Mount Olive College
Mount Olive, N. C. 28365
Phone: 658-2502

Target Population

Title of Course Business 131: Problem Solving Using Machines

Availability Contact author for information

**Number of Packages
in Instruction Unit** 30

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Touch Addition (4 to 9 keys) | 15. Speed Drill |
| 2. Touch Addition (0 to 3 keys non-add) | 16. Chain Discounts Printing Calculator |
| 3. Repeated Digits, Varied Number of Digits | 17. Constant Multiplication |
| 4. Subtraction, Correction of Errors | 18. Division |
| 5. Speed Drill Addition | 19. Speed Drill Addition |
| 6. Sub-Total | 20. Post-Test No. 2 |
| 7. Repeat Addition | 21. Division Remainder in Quotient, Decimals in Quotient, Decimals in Dividend and Division |
| 8. Multiplication | 22. Credit Balances |
| 9. Speed Drill Addition | 23. Interest |
| 10. Post-Test No. 1 | 24. Percentages |
| 11. Short-cut Multiplication, Zeros in Multiplier | 25. Speed Drill Addition |
| 12. Decimals, Fractions, and Percentages | 26. Prorating |
| 13. Fixed Decimal Point | 27. Payroll |
| 14. Discount and Net Amount | 28. Reconciliation of Bank Statements |
| | 29. Speed Drill Addition |
| | 30. Post-Test No. 3 |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	BUSINESS
Author	Frances K. Wrape
Institution	Central Carolina Technical Institute Rt. 2, Box 55 Sanford, N. C. 27330
Target Population	
Title of Course	Office Machines
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Rotary Calculator 2. Ten-Key Adding Machine 3. Full-Key Adding Machine 4. Ten-Key Calculator

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Chemistry
Availability	Contact institution for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Atomic Structure 2. Radioactivity and Other Nuclear Phenomena 3. Periodic Table 4. Chemical Reactions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Earl D. Beau
Institution	Sacramento City College Sacramento, Calif. 95822
Target Population	Science pre-professional courses
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Solution Chemical and Bio-Physico-Chemico Characteristics of Cell Transport

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Anthony J. Rosales
Institution	Cosumnes River College Sacramento, Calif. 95823
Target Population	
Title of Course	Introductory Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Audio-tape
Title of Package(s)	Observing and Measuring Program I

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	General Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Safety in the Laboratory

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	General Chemistry 1.1
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Equilibrium Calculations pH-Weak Acids

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	CHEMISTRY
Author	Wanda Sterner
Institution	Cerritos Junior College 11110 E. Alondra Blvd. Norwalk, Calif. 90650 Phone: 860-2451
Target Population	
Title of Course	Chemistry 2: Introduction Chemistry
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Programed text
Title of Package(s)	Percents for Chemistry

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject CHEMISTRY

Author Doughbah Yeh-Deyeh

Institution Kittrell College
Kittrell, N.C.

Target Population

Title of Course Chemistry 201, 202

Availability Contact author for information

**Number of Packages
in Instruction Unit** 26

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Density, Specific Gravity,
A Volume | 12. Oxidation Reduction Reaction |
| 2. Formula Weights, Molecular
Weights, and Moles | 13. Relationship of the Periodic
Classification to the Properties
of the Elements |
| 3. Structure of the Atom and the
Periodic Law | 14. Halogens and Their Compounds |
| 4. Chemical Bonding | 15. Chemical Equilibrium |
| 5. Oxygen and Ozone | 16. Carbon and Its Compounds |
| 6. Hydrogen | 17. Biochemistry |
| 7. The Gaseous State and the
Kinetic Molecular Theory | 18. The Halogens and Their
Compounds, and Electrochemistry |
| 8. Gram-Molecular Volume of
Gases and Molecular, Atomic
and Equivalent Wts. | 19. Identification of Lab Apparatus |
| 9. The Liquid and Solid States and
Water and Hydrogen Peroxide | 20. Lab Safety Rules |
| 10. Solutions | 21. Use of Balances, Measurement of
Mass, Volume, and Length |
| 11. Solutions of Electrolytes—
Electrolytes and non-Electrolytes
and Colloidal Matter | 22. Density and Specific Gravity |
| | 23. Use of the Gas Burner |
| | 24. Melting Points and Boiling Points |
| | 25. Conservation of Matter |
| | 26. Definite Composition |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	DRAFTING
Author	Kenneth Y. Smith
Institution	Greenville Technical Education Center P.O. Box 5616, Sta. B Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Drafting 135: Basic Freehand Technical Sketching and Lettering
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Shadows in Design

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	DRAFTING
Author	John D. Terry
Institution	Greenville Technical Education Center P.O. Box 5616, Sta. B Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Drafting 112: Engineering Drawing I
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Learning to Dimension (Part I)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	DRAFTING
Author	Walter Rice
Institution	Greenville Technical Education Center P.O. Box 5616 Greenville, S.C. 29606 Phone: (803) 242-3170
Target Population	
Title of Course	Drafting 111: Technical Drafting I Drafting 112: Engineering Drawing I
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Lettering

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ECONOMICS
Author	David C. Scott
Institution	Bakersfield College 1801 Panorama Drive Bakersfield, Calif. 93305 Phone: 871-7120
Target Population	
Title of Course	Economics 1B: Principles of Economics—Macro
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	Aggregate Income Analysis: Packages 1 and 2

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	EDUCATION
Author	Mary Ambrose
Institution	Aquinas Junior College Nashville, Tenn. 37205 Phone: 297-7545
Target Population	
Title of Course	Introduction to Education Educational Psychology
Availability	Contact author for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Major Influences on Present-Day Education 2. Periods of American Education 3. Basic Function of a Teacher 4. Cultural Backgrounds 5. Qualifications for Teachers

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Individualized Curriculum in Electronics (ICE)
Availability	Contact institution for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. How to Teach ICE 2. How to Learn with ICE 3. How to Write (ICE Learning Package) 4. How to Evaluate ICE 5. Shop Safety Precautions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Occupations
Availability	Contact institution for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Electronics Engineering Technician 2. Electronics Assembler 3. Industrial Electronics Technician 4. Electronics Service Technician 5. Electronics Mechanic 6. Electrical Appliance Serviceman

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Terminology
Availability	Contact institution for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Basic Terminology—Glossary 2. Electrical Energy 3. Circuits in Series 4. Circuits in Parallel 5. Current in Circuits 6. Voltage Polarities

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Instruments
Availability	Contact institution for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Reading Meters 2. Using Meters 3. Basic Meters 4. The VTVM 5. Power Supplies 6. Signal Generators 7. The Oscilloscope 8. Digital Voltmeters 9. Transistor Curve Tracers 10. Frequency Counters 11. Tube Checkers

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Schematics
Availability	Contact institution for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Basic Symbols 2. Resister Color Code 3. Component Identification 4. Active Device Symbols 5. Plotting Graphs 6. Using Electronic Device Graphs

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Devices
Availability	Contact institution for information
Number of Packages in Instruction Unit	12
Method of Instruction	
Title of Package(s)	1. Semi-Conductor Diode 2. Using Diodes 3. The Zener Diode 4. Introduction to Transistors 5. Transistor Characteristics 6. The SCR 7. Tube Diodes 8. The Vacuum Tube Triode 9. Basic Triode Action 10. Triode Parameters 11. Pentode Characteristics 12. The Field Effect Transistor

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Theory--Basics

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

1. The Nature of Electricity	10. The AC Wave Form
2. Voltage in a Circuit	11. AC Voltage, Current, and Power
3. Resistance and Conductance	12. Basic Transformer
4. Ohm's Law--Basic	13. Inductive Reactance
5. Series Circuits	14. RL Time Constant
6. Magnetic Circuits	15. Capacitive Reactance
7. Basic Inductance	16. R-C Time Constant
8. Capacitor Construction, Color Code, and Tests	17. Decibel Units
9. Capacitors in DC Circuits	18. P-N Junctions

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ELECTRONICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Circuits

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 54

Method of Instruction

Title of Package(s)

1. Ohm's Law
2. Kirchhoff's Voltage Law
3. Parallel Circuits
4. Conductances in Parallel
5. Kirchhoff's Current Law
6. Power
7. Power in Parallel Circuits
8. Unloaded Voltage Divider
9. Current Divider
10. Thevenin Equivalent
11. Norton's Equivalent
12. Non-Linear Circuits
13. DC Load Line
14. AC Load Line
15. Cathode Load Line
16. Capacitor Coupling
17. The Effect of the Cathode Capacitor on a Circuit
18. Diode Rectifiers, Full-Wave and Half-Wave
19. Loaded Voltage Divider
20. Series Parallel Networks
21. Wheatstone Bridge
22. Delta-Wye Transformation
23. Vector Algebra
24. Phasors
25. Maximum Power Transfer

26. Calculating RC Charge and Discharge Curves
27. High Frequency Response in Tube Circuits
28. Full Wave Bridge Power Supplies
29. Power Supply Filters
30. Transistor Biasing
31. Biasing of Tubes
32. Series AC Circuits
33. Parallel Circuits Admittance
34. Sinusoidal AC Linear Circuits
35. Introduction to Sine Oscillators
36. Series Resonant Circuits
37. Parallel Resonant Circuits
38. "Q"
39. Common Base Amplifier
40. Pentode Amplifiers
41. Transistor Load Lines
42. Frequency Response in Transistor Circuits
43. Attenuators
44. Tuned Transformer Coupling
45. Millman's Theorem
46. Kirchhoff's Loop Analysis
47. Superposition Theorem
48. Filter Networks
49. Complex AC Networks
50. Common Collector Amplifiers
51. Nodal Analysis
52. Multiple Source AC Network Analysis
53. Common Emitter Amplifier
54. Common Emitter Characteristics

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Diagnosis and Repair
Availability	Contact institution for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Circuit Familiarity in Trouble Shooting 2. Developing Effective Trouble Shooting Techniques 3. Equipment Selection Trouble Shooting 4. Experimental Trouble Shooting 5. Locating Specific Troubles in Trouble

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Construction Techniques
Availability	Contact institution for information
Number of Packages in Instruction Unit	8
Method of Instruction	
Title of Package(s)	1. Soldering 2. Identification of Hand Tools 3. Hand Grinding Tools 4. Screw-Pitch, Wire, and Sheetmetal Gauge 5. Using the Micrometer 6. Chassis Construction 7. Printed Circuits Lay-Out and Etching 8. Power Drills

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ELECTRONICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Mathematics
Availability	Contact institution for information
Number of Packages in Instruction Unit	8
Method of Instruction	
Title of Package(s)	1. Introduction to the Slide Rule 2. Scientific Notations 3. The Slide Rule C and D Scales 4. The Slide Rule A, B, and K Scales 5. Reciprocals/Slide Rule 6. The Slide Rule L Scale 7. The Slide Rule LL L_h Scales 8. The Slide Rule S, T, and ST Scales

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Communication Skills
Availability	Contact institution for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Constructing the Sentence 2. Constructing the Paragraph 3. Constructing the Summary 4. Constructing the Business Letter 5. Constructing the Resume 6. Constructing the Outline 7. Constructing the Letter of Application 8. Constructing the Personal Essay 9. Listening and Notetaking 10. Process Writing--Phase I 11. Process Writing--Phase II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Irene M. Baines

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course English Survey Course

Availability Contact author for information

**Number of Packages
in Instruction Unit** 17

Method of Instruction

Title of Package(s)

- | | |
|--|---|
| 1. Beowulf: A Literary Epic | 11. An Introduction to Byron |
| 2. An Introduction to Literature | 12. Character Sketches by
Thomas Carlyle |
| 3. John Bunyan - Pilgrim's Progress | 13. My Last Duchess--
Robert Browning |
| 4. Jonathan Swift - Gulliver's Travels | 14. An Introduction to Tennyson |
| 5. An Introduction to Pope | 15. A Victorian Variety |
| 6. An Introduction to Wordsworth | 16. James Joyce: Portrait of the
Artist as a Young Man |
| 7. An Introduction to John Keats | 17. Odor of Chrysanthemums |
| 8. Samuel T. Coleridge: A Romantic | |
| 9. The Eve of St. Agnes | |
| 10. Charles Lamb and the Essay | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Irene M. Baines
Institution	Kittrell College Kittrell, N.C. 27544 Phone: 492-2131
Target Population	
Title of Course	Black Literature
Availability	Contact author for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. An Introduction to Black Literature 2. The Grapevine 3. An Introduction to Richard Wright 4. Negro Characters as Seen by White Authors, by Sterling Brown 5. An Introduction to James Baldwin 6. A Harlem Group and Poetry

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Robert N. Boll
Institution	Burlington County College Pemberton, New Jersey Phone: 894-9311
Target Population	
Title of Course	College Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	8
Method of Instruction	
Title of Package(s)	1. Choosing a Subject 2. Narrowing a Subject 3. The Thesis Sentence 4. The Outline 5. The Introduction and Conclusion 6. The Title 7. Style 8. Logic

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Howard A. Burton
Institution	Riverside City College 4650 Fairfax Ave. Riverside, Calif. 92506 Phone: 684-3240
Target Population	
Title of Course	English 51-R: Improvement of Reading
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	SRA Preparatory Reading

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	William Roy Colquitt, Jr.
Institution	Wayne Community College Goldsboro, N.C. 27530 Phone: 735-5151
Target Population	
Title of Course	Modern American Literature
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Robert Frost 2. E. A. Robinson

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Mary Louise Conlin
Institution	Cuyahoga Community College 2900 Community College Ave. Cleveland, Ohio 44115 Phone: 241-5966
Target Population	
Title of Course	English 091: Essentials of Written Communication
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape/slides
Title of Package(s)	Writing Skills - Words and Sentences

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Buford D. Fisher
Institution	John Tyler Community College Chester, Va. 23831 Phone: 748-2221
Target Population	
Title of Course	English Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Writing the Research Paper

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Aileen Fitzpatrick
Institution	Mitchell College Statesville, N.C. 28677
Target Population	
Title of Course	English 101
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Topic Sentence 2. Paragraph Pattern 3. Definition Paragraph 4. Spatial Description Paragraph 5. Chronological Description Paragraph 6. Formal Outline for 500-Word Essay 7. Character Sketch Essay (based on literature) 8. Comparison/Contrast Essay 9. Biographical Essay 10. Spelling and Vocabulary (13 weekly packages) 11. Review of Writing Skills

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Aileen Fitzpatrick
Institution	Mitchell College Statesville, N.C. 28677
Target Population	
Title of Course	English 102, 204
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. Short Story Unit (4 packages) 2. Research Unit (7 mini-packages) 3. Drama (4 packages) 4. Poetry (in process, 3-4 packages)

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Roy Hudson
Institution	College of the Desert 43-500 Monterey Palm Desert, Calif. 92260 Phone: 346-8041
Target Population	Any English course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape
Title of Package(s)	Listening and Writing

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Gene Kerstiens
Institution	El Camino College Via Torrance, Calif. 90506 Phone: 329-6631
Target Population	
Title of Course	English A, English 1A
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Cassette tape
Title of Package(s)	Spelling Improvement

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Humphrey Lee

Institution Louisburg College
Louisburg, N.C. 27549

Target Population

Title of Course English Composition

Availability Contact author for information

**Number of Packages
in Instruction Unit** 29

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Orientation | 14. Writing the Narrative Paper |
| 2. The Five Worst Mistakes | 15. Writing the Expository Paper I |
| 3. Writing the Descriptive Paragraph | 16. Writing the Expository Paper II |
| 4. Writing the Narrative Paragraph | 17. Writing the Expository Paper III |
| 5. Writing the Expository Paragraph I | 18. Writing the Expository Paper IV |
| 6. Writing the Expository Paragraph II | 19. Writing the Expository Paper V |
| 7. Writing the Expository Paragraph III | 20. Writing the Expository Paper VI |
| 8. Writing the Expository Paragraph IV | 21. Writing the Argumentative Paper I |
| 9. Writing the Expository Paragraph V | 22. Writing the Argumentative Paper II |
| 10. Writing the Expository Paragraph VI | 23. Orientation II |
| 11. Writing the Argumentative Paragraph I | 24. The Library |
| 12. Writing the Argumentative Paragraph II | 25. Choosing a Topic for Your Term Paper |
| 13. Writing the Descriptive Paper | 26. Developing an Outline |
| | 27. Bibliography |
| | 28. The Form and Practice of Footnoting |
| | 29. Writing the Term Paper |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Humphrey Lee
Institution	Louisburg College Louisburg, N.C. 27549
Target Population	
Title of Course	English Literature
Availability	Contact author for information
Number of Packages in Instruction Unit	13
Method of Instruction	
Title of Package(s)	1. The Short Story I 2. The Short Story II 3. The Short Story III 4. The Short Story IV 5. The Short Story V 6. The Short Story VI 7. The Drama I 8. The Drama II 9. Poetry I 10. Poetry II 11. Poetry III 12. Poetry IV 13. <i>Brave New World</i>

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Martha Linney

Institution Mitchell College
Statesville, N.C.
Phone: 873-9511

Target Population

Title of Course English 101-102

Availability Contact author for information

**Number of Packages
in Instruction Unit** 16

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. The Old English Period | 11. Songs and Sonnets--Elizabethan Lyric |
| 2. Beowulf | 12. Shakespeare-- <i>Hamlet</i> and <i>King Lear</i> |
| 3. The Middle English Period | 13. Metaphysical Poetry, Cavalier Poets, and Stuart and Commonwealth Prose |
| 4. The English Ballad | 14. John Milton, His Life and Works |
| 5. The Medieval Romance | 15. Introduction to Neoclassicism |
| 6. Geoffrey Chaucer No. 1 | 16. Jonathan Swift and Alexander Pope |
| 7. Geoffrey Chaucer No. 2 | |
| 8. Sir Thomas Malory | |
| 9. The Brave New World and After | |
| 10. The Early English Drama and Roots of Shakespeare's Theatre | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Martha Linney

Institution Mitchell College
Statesville, N.C.
Phone: 873-9511

Target Population

Title of Course English 201-202

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

- | | |
|-----------------------------------|----------------------------|
| 1. The English Novel | 7. Samuel Taylor Coleridge |
| 2. Johnson and His Circle | 8. Lord Byron I |
| 3. Revolution and Romance: | 9. Lord Byron II |
| Introduction and James Thomson | 10. Percy Bysshe Shelley |
| 4. Oliver Goldsmith, Thomas Gray, | 11. John Keats |
| William Cowper | 12. Alfred Lord Tennyson |
| 5. Robert Burns and William Blake | 13. Robert Browning |
| 6. William Wordsworth | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Aurelia C. Morrow
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606
Target Population	
Title of Course	English I
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Learning the Preposition

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Seymour Prog
Institution	Rio Hondo College 3600 Workman Mill Road Whittier, Calif. 90608 Phone: 692-0921
Target Population	
Title of Course	English 53: Fundamentals of Reading
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tapes and workbooks
Title of Package(s)	Phonics Program

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Benson R. Schulman
Institution	Los Angeles Pierce College Woodland Hills, Calif. 91364 Phone: 347-0551
Target Population	
Title of Course	English Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	English Composition: An Individualized Course

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Edith Vann

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course English 100: Remedial English

Availability Contact author for information

**Number of Packages
in Instruction Unit** 26

Method of Instruction

Title of Package(s)

1. Basic Sentence Parts and Major Parts of Speech
2. Basic Sentence Patterns
3. Phrases
4. Compound and Complex Patterns
5. Recognizing the Sentence Unit
6. Tense
7. Voice and Mood of Verbs
8. Voice and Mood of Verbs
9. Subject-Verb Agreement
10. Pronouns and Case of Pronouns
11. Pronouns and Case of Pronouns
12. Modifiers
13. Omitted Parts
14. Mixed and Illogical Constructions
15. Wordiness
16. Coordination, Parallelism, Subordination
17. End Punctuation
18. Commas with Semicolons in Compound Elements
19. Commas with Subordinate Elements
20. Commas with Added Sentence Parts

Composition/Reading

- A. Formulating the Thesis Statement
- B. Writing the Introduction and Conclusion
- C1. The Topic Sentence
- C2. The Topic Sentence and the Paragraph/Readings
- D. Developing Through Example, Anecdote, and Other Illustration
- E1. Linking Your Thoughts Together Effectively
- E2. Paragraph Coherence
- F. Developing Paragraphs by Use of Specific Details
- G. Developing Through Comparison and Contrast
- H1. The Expository Paragraph: Definition
- H2. Developing Through Definition and Analysis
- I. Developing Through Reasoning and Evidence
- J. Choosing the Right Word
- K. Making Effective Sentences
21. Dashes, Colons, and Parentheses
22. Use of Quotation Marks and Italics
23. Use of Quotation Marks and Italics
24. Apostrophes
25. Hyphens
26. Capitalization

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Edith Vann

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course English 101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 17

Method of Instruction

Title of Package(s)

1. Grammar/Usage
2. Recognizing the Sentence Unit
3. Faulty Parallelism and
Dangling or Misplaced Modifiers
4. Shifts in Subjects and Verbs
and Incomplete Constructions
5. Verbs
6. Pronouns and Case of Pronouns
7. Subject-Verb Agreement
8. Mixed and Illogical
Constructions
9. Modifiers, Confusion of
Adjective and Adverb
10. Glossary of Usage
11. Commas and Semicolons
12. Punctuation (End) and
Abbreviations
13. Dashes, Colons, and Parentheses
14. Use of Quotation Marks and
Italics
15. Apostrophes
16. Capitalization
17. Hyphens

Composition

- A. Prewriting
- A1. Formulating the Thesis
Statement
- B. Sources
- B1. Analogy
- B2. Classifications
- C. Patterns of Organization
- D. The Outline
- VII A. Expressing Ideas:
Paragraphs—Compositions
in Miniature
- VII B. Effective Sentences, Diction
- VIII A. Interpreting Literature -
Package A, Biography
- B. Interpreting Literature -
Package B, Essays
- C. The Lord of the Flies
- D. Short Stories

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	William B. Wiley
Institution	Riverside City College 3650 Fairfax Riverside, Calif. 92506 Phone: 684-3240
Target Population	
Title of Course	English 50A: Basic Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Basic Sentence Correctness

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	George J. Wilkerson
Institution	John Tyler Community College Chester, Va. 23831 Phone: 748-2221
Target Population	
Title of Course	English 12: Freshman Composition
Availability	Contact author for information
Number of Packages in Instruction Unit	8
Method of Instruction	
Title of Package(s)	1. Introduction to Short Story Analysis 2. Imagery and Language 3. The Setting 4. Character 5. Point of View 6. The Plot 7. The Conclusion 8. Summary and Thesis

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	George J. Wilkerson
Institution	John Tyler Community College Chester, Va. 23831 Phone: 748-2221
Target Population	
Title of Course	English 101, 111, Communications
Availability	Contact author for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Analogy and Example 2. Sign and Cause 3. Inference Making 4. Errors in Reasoning 5. Bypassing and Connotation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author Arnold L. Wright

Institution Louisburg College
Louisburg, N.C. 27549

Target Population

Title of Course English Literature 221

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

- | | |
|-------------------------------------|--------------------------------------|
| 1. Introduction to Middle Ages | 8. Topics in Medieval Literature |
| 2. Beowulf | 9. Introduction to Sixteenth Century |
| 3. Chaucer | 10. Spenser |
| 4. Sir Gawaine and the Green Knight | 11. Shakespeare |
| 5. The Second Shepards' Play | 12. John Donne |
| 6. Everyman | 13. John Milton |
| 7. Popular Ballads | 14. Jonathan Swift |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Arnold L. Wright
Institution	Louisburg College Louisburg, North Carolina 27549
Target Population	
Title of Course	English Literature 222
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Introduction to the Romantic Period 2. William Wordsworth 3. Samuel Taylor Coleridge 4. John Keats 5. Topics in Romantic Literature 6. Introduction to Victorian Period 7. Charles Dickens 8. Thomas Hardy, Novelist 9. Robert Browning 10. Alfred Lord Tennyson 11. T. S. Eliot, Poet

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author James A. Williams

Institution Louisburg College
Box 935
Louisburg, N.C. 27549
Phone: 496-4529

Target Population

Title of Course English 101, English Literature

Availability Contact author for information

**Number of Packages
in Instruction Unit** 19

Method of Instruction

Title of Package(s)

- | | |
|-------------------------------|--------------------------|
| 1. Punctuation | 11. Subordination |
| 2. Process Theme | 12. Classification Theme |
| 3. Fragments, Run-on, Splices | 13. Coherence |
| 4. Description Theme | 14. Definition Theme |
| 5. Case | 15. Parallelism |
| 6. Exemplifications Theme | 16. Argumentation |
| 7. Subject-Verb Agreement | 17. Essays I |
| 8. Contrast Theme | 18. Essays II |
| 9. Unity | 19. Essays III |
| 10. Analogy Theme | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	ENGLISH
Author	Mary Jane Yarborough
Institution	Central Carolina Technical Institute Box 55, Kelly Drive Sanford, N.C. 27330 Phone: 775-5401
Target Population	
Title of Course	Beginning English
Availability	Contact author for information
Number of Packages in Instruction Unit	16
Method of Instruction	
Title of Package(s)	
1. Reading a Paragraph	10. How to Read in Social Sciences
2. Using Context Clues	11. How to Use an Index
3. How to Use a Textbook	12. How to Read a "Pie" Chart
4. How to Read About Psychology	13. How to Read Diagrams and Charts
5. Learning Word Parts (2)	14. Pronouncing Words by Sound
6. How to Read a Table of Contents	15. How to Read a Newspaper
7. Using the Sounds of Language	16. How to Read on Technical Subjects
8. How to Preview a Chapter	
9. How to Read on Business Subjects	

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject ENGLISH

Author John Clingman Young, Jr.

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course English 101, 102

Availability Contact author for information

**Number of Packages
in Instruction Unit** 10

Method of Instruction

Title of Package(s)

1. Spelling Skills—Using the Apostrophe
2. Capitalization, Hyphenation, Verb Agreement
3. Case Forms, Pronouns, Comparisons, Confused Words, Informal and Substandard Usage
4. Misused Modifiers, Pronoun Reference, Coherence, Parallelism
5. Mixed Sentence Structure, Fragments, Comma Splices and Fused Sentences, Commas (Three Rules)
6. Commas (Four Rules), Unnecessary Commas, Dashes and Parentheses
7. Enjoying Fiction—Short stories, Part I
8. Enjoying Fiction—Short stories, Part II
9. Exploring Drama and Reading Plays: Dramatic Criticism—Aristotle's *Poetics*
10. Library Skills—Using the *Book Review Digest*

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	FRENCH
Author	Canzada Woods
Institution	John Tyler Community College P.O. Drawer "T" Chester, Va. 22821 Phone: 748-2221
Target Population	
Title of Course	French 101, 102, 103
Availability	Contact author for information
Number of Packages in Instruction Unit	4
Method of Instruction	
Title of Package(s)	1. How to Tell Time in French 2. The Greetings and the Verb "Aller" 3. Weather: Using the Verb "Faire" 4. Self-Instructional Packages for Lessons 1-33

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	FRENCH
Author	Canzada Woods
Institution	John Tyler Community College P.O. Drawer "T" Chester, Va. 23821 Phone: 748-2221
Target Population	
Title of Course	French 201, 202, 203
Availability	Contact author for information
Number of Packages in Instruction Unit	200
Method of Instruction	
Title of Package(s)	French, 200 packages on reflexive verbs, verbs that take "Etre," irregular verbs, pronouns, prepositions, etc.

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HEALTH
Author	Bernard Murphy and Richard Gilliland
Institution	Santa Fe Junior College 723 W. University Ave. Gainesville, Fla. 32601 Phone: 378-5311
Target Population	Any health course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Audio-tutorial
Title of Package(s)	Audio-Tutorial Laboratory

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author J. Oscar Stradley

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course United States History

Availability Contact author for information

**Number of Packages
in Instruction Unit** 31

Method of Instruction

Title of Package(s)

1. The New World Beginnings, and English Colonization
2. The Duel for North America
3. The Road to Revolution
4. America Secedes from the Empire
5. The Confederation and the Constitution
6. The Federalist, and Jeffersonian Democracy
7. Madison and the Upsurge of Nationalism
8. The Emergence of Jacksonian Democracy
9. Jacksonian Democracy, and Manifest Destiny
10. The Revolution in Industry and Transportation, 1790-1860
11. Population, Religion, Education, and Social Reform, 1790-1860
12. Slavery, and the Sectional Struggle
13. Drifting Toward Disunion, 1854-1861
14. The War for Southern Independence
15. Behind the Lines: North and South
16. The Ordeal of Reconstruction
17. Grantism and Republican Rule, 1869-1880
18. Personalities, Politics, and Reform, 1880-1889
19. Industry, and New Social and Cultural Horizons, 1865-1900
20. The Agricultural Revolution, and the Revolt of the Debtor, 1865-1900
21. The Path of Empire, 1899-1909
22. Roosevelt and Taft
23. Woodrow Wilson and the Road to World War I
24. The War to End War, 1917-1918
25. Making and Breaking the Peace —and the Mirage of Normalcy
26. The Jazz Age and the Onset of the Depression
27. The New Deal and Foreign Affairs
28. America in World War II
29. Truman and the Cold War
30. Korea and the Eisenhower Era
31. New Frontiersmen and the Potomac

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author Stephen G. Herman

Institution Mitchell College
Statesville, N.C. 28677
Phone: (704) 872-5095

Target Population

Title of Course Civilization 101, 102

Availability Contact author for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. What Is History? | 12. Thought, and Absolute Monarchy |
| 2. The Prehistoric Period | 13. Development of Constitutional Monarchy (England) |
| 3. The Advent of Civilization | 14. Rise of Prussia and Russia as States |
| 4. Greek Civilization | 15. The Wars of the Despots |
| 5. Rome | 16. Rise of England as the Dominant Colonial Power |
| 6. The Rise of Christianity/
The Decline of Rome/
The Germanic Migrations | 17. The French Revolution |
| 7. Byzantine Empire | 18. Europe—1815 to 1914 (a topical unit surveying the major movements and trends of the period) |
| 8. Moslem Civilization | |
| 9. The Feudal Structure | |
| 10. A Review Unit | |
| 11. The Emergence of the Modern Age—
Science | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject HISTORY

Author Claude Moore

Institution Mount Olive College
Mount Olive, North Carolina 28365
Phone: 658-2502

Target Population

Title of Course History of North Carolina

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

1. The Natural Setting and Native Peoples of North Carolina
2. Exploration and Discoveries Along the Atlantic Coast and the Attempt at Settlement in North Carolina
3. North Carolina Under the Lords Proprietors, 1663-1729
4. Colonial Houses and Buildings in North Carolina
5. The Coming of the Highlanders, Scotch-Irish and Germans, 1729-1775
6. North Carolina Under Royal Rule, 1730-1776
7. Agriculture, Industry, Slavery, Trade, and Transportation, 1729-1776
8. Religious and Cultural Development of North Carolina 1730-1776
9. The Causes of the American Revolution
10. North Carolina in the American Revolution
11. North Carolina 1783-1800
12. North Carolina During the Jefferson, Madison, and Monroe Administrations
13. North Carolina Dominated by Planters, 1824-1835
14. Progress in North Carolina, 1835-1860

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HOME ECONOMICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	General Home Economics
Availability	Contact institution for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Let Washday Sparkle 2. Let It Rain 3. Eye-Foolers 4. Shop-Wise Appliance Guide 5. Super Food Shopper 6. Happy Mealtimes

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HOME ECONOMICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Child Care
Availability	Contact institution for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Your Food Dollars 2. Planning for Spending 3. Maintaining Your Home 4. Beautifying the Setting 5. Childproofing Your Home 6. Shopping for Bargains

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	HOME ECONOMICS
Author	Connie Warch
Institution	Fullerton Junior College 321 E. Chapman Fullerton, Calif. 92634 Phone: 871-8000
Target Population	
Title of Course	Clothing 1A
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Video-tape
Title of Package(s)	Clothing Video-tape Series

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Elementary Algebra

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 32

Method of Instruction Audio-tapes

Title of Package(s)

- | | |
|---|--|
| 1. Sets and Whole Numbers | 18. Addition and Subtraction of Fractional Expressions |
| 2. Numerals and Binary Operations | 19. Introduction to Negative Exponents |
| 3. Numeral Expressions and Order of Operations | 20. Multiplication of Algebraic Expressions |
| 4. Variables and Variable Expressions | 21. Factoring Algebraic Expressions |
| 5. Introduction to Equations | 22. Operations with Fractional Expressions |
| 6. Properties of Whole Numbers: Part I | 23. Solving Equations: First Degree and Quadratic |
| 7. Properties of Whole Numbers: Part II | 24. Solving Equations: Fractional and Absolute Values |
| 8. Whole Numbers Used as Exponents | 25. Solving Inequalities |
| 9. The Set of Integers | 26. Introduction to Radicals and Fractional Exponents |
| 10. Addition and Subtraction of Integers | 27. Operations with Radical Expressions |
| 11. Multiplication and Division of Integers | 28. Using the Quadratic Formula |
| 12. Simplifying Numerical Expressions Containing Integers | 29. Ordered Pairs and Graphing Linear Equations |
| 13. Simplifying Variable Expressions | 30. Graphing Absolute Value and Quadratic Equations |
| 14. The Fractional Form and Meaning of Rational Numbers | 31. Solving Systems of Linear Equations |
| 15. The Set of Real Numbers | 32. Introduction to Relations and Functions |
| 16. Basic Properties of Fractional Expressions | |
| 17. Multiplication and Division of Fractional Expressions | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Intermediate Algebra

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction Audio-tapes

Title of Package(s)

- | | |
|---|--|
| 1. Introduction to Sets | 11. Relations and Functions |
| 2. Graphs of the Number Line | 12. The Linear Functions |
| 3. Review of Field Properties:
Part I | 13. The Quadratic Function |
| 4. Review of Field Properties:
Part II | 14. Conic Sections |
| 5. Factoring | 15. Inverse Functions |
| 6. Fractions | 16. Exponential Functions |
| 7. Exponents | 17. Properties of Logarithms |
| 8. Radicals | 18. More on Solution Sets of
Equations and Inequalities |
| 9. Solution Sets of Linear
Equations | 19. Determinants and Systems
of Linear Equations |
| 10. Solution Sets of Quadratic
Equations | 20. Systems of Equations |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Roy Lee Bass

Institution Kittrell College
Kittrell, N.C. 27544
Phone: 492-2131

Target Population

Title of Course Math 101, Elementary Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 22

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Properties of the Real Numbers | 12. Verbal Problems—Motion |
| 2. Mathematical Symbols | 13. Verbal Problems—Geometric |
| 3. Addition of Signed Numbers | 14. Rectangular Coordinate—Terms |
| 4. Subtraction of Signed Numbers | 15. Rectangular Coordinate—Slope and Intercept |
| 5. Multiplication of Signed Numbers | 16. Rectangular Coordinate—Graphing |
| 6. Division of Signed Numbers | 17. Equations Having Two Variables |
| 7. Identity Equations | 18. Word Problems—Two Variables |
| 8. Open Equations and Operational Theorems | 19. Multiplications of Polynomials |
| 9. Removing Parentheses | 20. Factoring Polynomials |
| 10. Verbal Problems—Mixture and Number | 21. Algebraic Fractions |
| 11. Verbal Problems—Age and Consecutive Numbers | 22. Fractional Equations and Complex Fractions |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Roy Lee Bass
Institution	Kittrell College Kittrell, N.C. 27544 Phone: 492-2131
Target Population	
Title of Course	Math 192, College Algebra
Availability	Contact author for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Quadratic Equations—Method of Solving 2. Radicals and Exponents 3. Matrices and Determinants 4. Logarithms 5. Graphs of Quadratic Equations

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William B. Blanchard
Institution	Chaffey College 5885 Haven Ave. Alta Loma, Calif. 91701 Phone: (714) 987-1737
Target Population	
Title of Course	Math 60, Basic Slide Rule
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slides and tapes
Title of Package(s)	Beginning Slide Rule

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William B. Blanchard
Institution	Chaffey College 5885 Haven Ave. Alta Loma, Calif. 91701 Phone: (714) 987-1737
Target Population	
Title of Course	Math 5, Review of Arithmetic
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Slides and tapes
Title of Package(s)	Review of Arithmetic

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Ralph Brown, Jr.

Institution Southwest Virginia Community College
Richlands, Va. 24641

Target Population

Title of Course General College Math
Introductory Math Analysis

Availability Contact author for information

**Number of Packages
in Instruction Unit** 1

Method of Instruction

Title of Package(s) General College Math III

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Caroline Castello

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Math 53, Intermediate Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 14

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. Sets of Numbers | Powers, and Extracting Roots of Monomials |
| 2. Operations with Signed Numbers | 8. Operations with Polynomials |
| 3. Properties of Real Numbers | 9. Special Products and Factoring |
| 4. Algebra Expressions:
An Introduction | 10. Linear Equations |
| 5. Addition and Subtraction of
Monomials | 11. Radicals |
| 6. Exponents | 12. Quadratic Equation |
| 7. Multiplication, Division, Raising to | 13. Algebraic Fractions |
| | 14. Fractional Equations |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Jimmy Foster

Institution Central Carolina Technical Institute
Route 2, Box 55
Sanford, N.C. 27330

Target Population

Title of Course Math 1101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 24

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Adding and Subtracting Whole Numbers | 9a. Metric System |
| 2. Multiplying and Dividing Whole Numbers | 10. Percentage |
| 3. Adding and Subtracting Fractions (Like Denominators) | 11. Percentage |
| 4. Adding and Subtracting of Mixed Numbers | 12. Ratio |
| 5. Multiplying Fractions | 13. Proportion |
| 6. Division of Fractions | 14. Pulley Speeds and Diameters |
| 7. Calculating Length of Bent Pieces of Metal | 15. Gear Trains |
| 8. Adding and Subtracting Decimal Fractions | 16. Exponents |
| 9. Multiplying and Dividing with Decimals | 17. Square Roots |
| | 18. Areas of Squares and Rectangles |
| | 19. Areas of Parallelograms and Trapezoids |
| | 20. Triangles |
| | 21. Circles |
| | 22. Cylinders |
| | 23. Review |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	William Hemmer and Robert Evans
Institution	Grossmont College 8800 Grossmont College Drive El Cajon, Calif. 92020 Phone: (714) 465-1700
Target Population	
Title of Course	Math 105, Beginning Algebra
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Beginning Algebra

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Jean Lesslie
Institution	Greenville Technical Education Center Box 5616, Sta. B Greenville, S.C. 29606 Phone: 242-3170
Target Population	
Title of Course	Math I, Basic Mathematics
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Addition with Dollars and Cents

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	Robert O. Maier
Institution	El Camino College Via Torrance, Calif. 90506
Target Population	
Title of Course	Math 7, Elementary Probability and Statistics
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	SID on Calculating Correlation Coefficient 1. Instruction Package 2. Check Point Package

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Gene B. Mercer

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-2502

Target Population

Title of Course Math 103, College Algebra

Availability Contact author for information

**Number of Packages
in Instruction Unit** 15

Method of Instruction

Title of Package(s)

- | | |
|--|---|
| 1. Sets and Set Operations | 8. Solving Inequalities |
| 2. Number Systems | 9. Solving Systems of Equations
in Two Unknowns |
| 3. Properties of the Real Number
System | 10. Determinants and Cramer's Rule |
| 4. Functions | 11. Solving Systems of Equations in
Three Unknowns |
| 5. Solving Equations: Simple
Equations, Fractional Equations,
and Formulas | 12. Linear Programming |
| 6. Solving Quadratic Equations by
Factoring and the Quadratic
Formula | 13. Mathematical Induction |
| 7. Solving Equations Containing
Radicals | 14. The Binomial Theorem |
| | 15. Arithmetic and Geometric
Progressions |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject MATHEMATICS

Author Gene Mercer and Caroline Castello

Institution Mount Olive College
Mount Olive, N.C. 28365
Phone: 658-4003

Target Population

Title of Course Math 104, Trigonometry

Availability Contact author for information

**Number of Packages
in Instruction Unit** 13

Method of Instruction

Title of Package(s)

- | | |
|---|---|
| 1. The Six Trigonometric Functions | 7. Measure of Angles in Terms of Radians |
| 2. Trigonometric Functions of Positive Acute Angles | 8. Graphs of Trigonometric Functions |
| 3. Applications of Trigonometry | 9. Inverse Trigonometric Functions |
| 4. Vectors and Polar Coordinates | 10. Trigonometric Identities |
| 5. Finding Values of Functions of Any Angle | 11. Solving Trigonometric Equations |
| 6. Law of Sines and Cosine Law | 12. Special Trigonometric Formulas |
| | 13. Complex Numbers in Trigonometric Form |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MATHEMATICS
Author	R. T. Roper, Jr.
Institution	Greenville Technical Education Center Greenville, S.C. 29606
Target Population	Technical and industrial students
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Prime Numbers Under One Hundred

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

121

Subject MECHANICS & TRANSPORTATION

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Airframe

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 18

Method of Instruction

Title of Package(s)

- | | |
|--|--|
| 1. Wood Structures | 11. Aircraft Instrument Systems |
| 2. Aircraft Covering | 12. Communication and Navigation Systems |
| 3. Aircraft Finishes | 13. Aircraft Fuel Systems |
| 4. Sheet Metal Structures | 14. Aircraft Electrical Systems |
| 5. Welding | 15. Position and Warning Systems |
| 6. Assembly and Rigging | 16. Ice and Rain Control Systems |
| 7. Airframe Inspection | 17. Fire Protection Systems |
| 8. Aircraft Landing Gear Systems | 18. Return to Service Diversified Projects |
| 9. Hydraulic and Pneumatic Power Systems | |
| 10. Cabin Atmosphere Control Systems | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	MECHANICS & TRANSPORTATION
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Aviation Maintenance Technician General 1,2,3
Availability	Contact institution for information
Number of Packages in Instruction Unit	10
Method of Instruction	
Title of Package(s)	1. Mechanic's Privileges 2. Maintenance Publications 3. Maintenance Forms 4. Aircraft Drawings 5. Weight and Balance 6. Fluid Lines and Fittings 7. Materials and Processes 8. Corrosion Control and Cleaning 9. Ground Operation and Servicing 10. Basic Electricity

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject NURSING

Author

Institution Lane Community College
Eugene, Ore. 97405

Target Population

Title of Course Fundamentals of Nursing

Availability Contact institution for information

**Number of Packages
in Instruction Unit** 10

Method of Instruction

Title of Package(s)

- | | |
|---|--------------------------------------|
| 1. Introduction to Course | 5. Activity, Rest plus Sleep |
| 2. Communication | 6. Metabolism |
| Part A: Medical | Part A: Elimination |
| Part B: Interpersonal | Part B: Nutrition and
Oxygenation |
| 3. Safety | 7. Community Resources |
| Part A: Physical Environmental
and Medical Asepsis | 8. Diagnosis |
| Part B: Surgical Asepsis | 9. Operative Care |
| 4. Hygiene and Comfort | Part A: Pre- and Intra-Operative |
| Part A: Hygiene | Part B: Post-Operative |
| Part B: Comfort | 10. Fluids and Electrolytes |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	NURSING
Author	Pauline C. Ashley
Institution	A D Nursing Southeastern Community College Whitville, N.C. 28472 Phone: (919) 642-7141
Target Population	
Title of Course	Trends in Nursing
Availability	Contact author for information
Number of Packages in Instruction Unit	6
Method of Instruction	
Title of Package(s)	1. Education for Nursing 2. Fields of Work for the Technical Nurse 3. Organization for Patient Care and Supervision of Auxiliary Workers 4. Legislation and Legal Control of Nursing 5. Nursing Organizations 6. The Future of Nursing Practice

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	NURSING
Author	Betty Haarstick
Institution	College of the Desert 43-500 Monterey Ave Palm Desert, Calif. 92260 Phone: 346-8041
Target Population	
Title of Course	Nursing I, Fundamentals of Nursing
Availability	Contact author for information
Number of Packages in Instruction Unit	11
Method of Instruction	
Title of Package(s)	1. Adminstration of Oral Medications 2. Application of Elastic Bandage 3. Application of a Scultetus Binder 4. Application of Sterile Gloves 5. Crutch Walking 6. Measurement of Arterial Blood Pressure 7. Measurement of Body Temperature 8. Measurement of Pulse 9. Measurement of Respirations 10. Needles 11. Syringes

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	NURSING
Author	Hazel J. Womble
Institution	Florida Junior College at Jacksonville Jacksonville, Fla. Phone: 781-5891
Target Population	
Title of Course	Fundamentals of Nursing
Availability	Contact author for information
Number of Packages in Instruction Unit	13
Method of Instruction	
Title of Package(s)	1. Enema Administration 2. Application of Ace Bandage 3. Reading Clinical Thermometer 4. Handwashing 5. Measuring Fetal Heart Tones 6. Eye Care of New-Born 7. Cord Care of New-Born 8. New-Born Bath 9. Fractional Urine Testing 10. Dressing Change 11. Handling Sterile Equipment 12. Perineal Care 13. Catheter Irrigation

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICAL SCIENCES
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Astronomy & Geology
Availability	Contact institution for information
Number of Packages in Instruction Unit	7
Method of Instruction	
Title of Package(s)	1. History of Astronomy 2. Earth-Moon System, Tools of the Astronomer 3. The Solar System 4. The Stars and Beyond 5. Composition of the Crust 6. Weathering and Erosion 7. Movements of the Crust and Historical Geology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	
Institution	Lane Community College Eugene, Ore. 97405
Target Population	
Title of Course	Physics
Availability	Contact institution for information
Number of Packages in Instruction Unit	5
Method of Instruction	
Title of Package(s)	1. Measurement Systems, Motion, Gravity 2. Energy: Work and Power 3. Heat: Gases and Fluids 4. Waves: Sound and Light 5. Electricity and Magnetism

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Robert A. Carmen
Institution	Santa Barbara City College 721 Cliff Drive Santa Barbara, Calif.
Target Population	Any physics course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Numbers and Units for Physics 2. A Programed Introduction to Vectors

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Mary M. Guy
Institution	Santa Fe Junior College 723 W. University Ave Gainesville, Fla. 32601
Target Population	Any physical science course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Scientific Notation I 2. Scientific Notation II

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PHYSICS
Author	Mary S. Taube
Institution	Santa Fe Junior College 723 W. University Ave. Gainesville, Fla. 32601 Phone: 372-3627
Target Population	Any physics course
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	7
Method of Instruction	
Title of Package(s)	1. Equilibrium (a Study of Vectors) 2. Forces Due to Friction 3. How to Divide Using a Slide Rule 4. How to Multiply Using a Slide Rule 5. How to Read Squares and Cubes from a Slide Rule 6. How to Read a Value from a Slide Rule 7. Measuring Instruments

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PSYCHOLOGY
Author	Jane Dallinger
Institution	Pierce College Winnetka Ave. Woodland Hills, Calif. 91364 Phone: (213) 347-0551
Target Population	
Title of Course	Psychology 2, Physiological Psychology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Physiological Psychology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PSYCHOLOGY
Author	Larry D. Barnes
Institution	Genesee Community College Batavia, N.Y. 14020 Phone: 343-0055
Target Population	
Title of Course	Psychology 101, General Psychology
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	Tape
Title of Package(s)	Introduction to Psychology

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PSYCHOLOGY
Author	Edward B. Hibler
Institution	Fresno City College Fresno, Calif. 93704 Phone: 264-4721
Target Population	Psychology 7, General Psychology
Title of Course	Sociology 32, Family Life Education
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	Socratic-Tape Teaching

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	PSYCHOLOGY
Author	James R. Marks
Institution	West Los Angeles College 4800 Freshman Drive Culver City, Calif. 90230 Phone: 836-7110
Target Population	
Title of Course	Psychology 22, Reading and Study Skills
Availability	Contact author for information
Number of Packages in Instruction Unit	1
Method of Instruction	
Title of Package(s)	How to Use Programed Materials

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject PSYCHOLOGY

Author Richard Lyon Morgan

Institution Mitchell College
Statesville, N.C. 28677

Target Population

Title of Course Psychology 101

Availability Contact author for information

**Number of Packages
in Instruction Unit** 26

Method of Instruction

Title of Package(s)

- | | |
|------------------------------------|--------------------------------------|
| 1. Introduction to Psychology | 15. Approaches to Behavior: Frankl, |
| 2. Schools of Psychology | Fromm, Maslow |
| 3. Sigmund Freud's View of | 16. Sex |
| Personality | 17. Drugs |
| 4. Psychosocial Views of | 18. ESP |
| Personality Development | 19. Humanizing Mental Illness |
| 5. Group Dynamics | 20. Psychotherapy |
| 6. Motivation | 21. Mental Hospitals |
| 7. Emotions | 22. Individuals in a Group |
| 8. Stress | 23. Ginott's Approach to Child |
| 9. T Groups | Development |
| 10. Theories of Learning | 24. Youth and the 1970's |
| 11. Classical and Operant | 25. Jean Piaget's View of Children's |
| Conditioning | Intelligence |
| 12. Perception | 26. Three Forces in Psychology |
| 13. Racism | |
| 14. Approaches to Behavior: Adler, | |
| Jung, Rank | |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject SOCIOLOGY

Author Louis A. Brown

Institution Mitchell College
Statesville, N.C. 28677
Phone: 873-9511

Target Population

Title of Course Introduction-Sociology
Introduction-Anthropology

Availability Contact author for information

**Number of Packages
in Instruction Unit** 20

Method of Instruction

Title of Package(s)

- | | |
|---|--|
| 1. Introduction - Field of Sociology | 10. Class and Caste |
| 2. The Organism and Its Physical Environment | 11. Mobility in America |
| 3. Society | 12. American Minorities |
| 4. Interaction - The Social Process | 13. Modern Community Trend |
| 5. The Universality of Culture | 14. The Division of Labor |
| 6. The Variability of Culture | 15. The Family: Comparative View |
| 7. The Organism Becomes a Person: Socialization | 16. Marriage and the Family in America |
| 8. The Structure and Unity of Personality | 17. Religion |
| 9. Population | 18. Religion in America |
| | 19. American Economic Order |
| | 20. American Political Order |

DIRECTORY OF SELF-INSTRUCTIONAL MATERIALS

Subject	TECHNOLOGY
Author	David C. Bryenton
Institution	Burlington County College Pemberton-Browns Mills Rd. Pemberton, N.J. 08068 Phone: 894-9311
Target Population	
Title of Course	
Availability	Contact author for information
Number of Packages in Instruction Unit	2
Method of Instruction	
Title of Package(s)	1. Statics and Strength of Materials 2. Structures (Steel Buildings)